

Determination of Dynamic Parameters of Foci  
of Earthquakes From Observations at Distant  
Stations, by A. V. Vvedenskaya. (unedited)

RUSSIAN, psr, Dok Ak Nauk SSSR, Vol LXXX,  
No 4, 1951, pp 591-594.

Univ of Wisconsin  
(REF)

Sci - Geophys  
Apr 60

113 914

The Wavelength Dependence of the Scattering of  
Light in the Atmosphere, by E. V. Pyaskovskaya-  
Fesenkova.  
RUSSIAN, per, AN SSSR, Doklady, Vol 80, No 4,  
1951, pp 595-598.  
Dept of Navy/ APL/JHU T-2069

Sci/Phys  
Feb 68

349,552

The Effect of the Saturation Deficit Upon the  
Coagulation Rate of Water Aerosols, by P. S.  
Prokhorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4,  
1951, pp 637-640

Assoc Tech Serv

Sci - Geo  
Phys

Jul 58

67,170

The Role of Folic Acid in the Formation of Glycine  
From Beta-Oxy-Amino Acids With Liver Ferments, by  
A. E. Braumshtain, G. Ia. Vilenkina, 8 pp.

Full translation.

RUSSIAN, per, Bek Ak Nauk SSSR, Vol XXX, No 4, 1951,  
pp 639-642.

CIA/FDD/X-855

Scientific - Chemistry

Jun 53 CMS

2803

A Study With an Electron Microscope of the Effect of  
Electrolytes Upon the Structure of Collagen, by  
A. L. Zaydes, S. L. Pupko, 4 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 4, 1951, pp 647-648.

CIA/FDD/X-990

Scientific - Chemistry Aug 53 CTS/DEX

4575

Amino-Acid Composition of Protein Preparations  
Obtained by Treating Some Vegetable and Animal  
Proteins With Alkalies, by M. I. Levant, V. N.  
Orekhovich, M. E. Plotnikova, 9 pp.

N

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 4, 1951, pp 649-652.

CIA/FDD/X-989

Scientific - Chemistry Aug 53 CP6/DX

4574

Effect of Amino Acids on Certain Related Compounds on the Reproduction of Tobacco Mosaic Virus, by V. L. Rikov.

Full translation.

RUSSIAN, per, Dok Akad Nauk USSR, Vol LXXX, No 4,  
1951, pp 677-679.

AEC Tr 1238

Scientific - Biology

Concerning the Structure and Development of  
Calcareous Corpuscles in Tapeworms, by E. D.  
Logachev.  
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 80,  
No 4, 1951, pp 693-696.  
HEW NIH 9-26-67

Sci-B&M  
Oct 67

343,044

On the Question of the Identification of the Night  
Sky Spectrum in the Neighborhood of 10,000 Å, by  
V. I. Krasovski, V. L. Lukashenya, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 5, USSR, 1951, pp 735-738.

AEC-TR-1503

*2/10/53 TR-1503*  
Scientific O Physics, astronomy, Night sky

CIA 1105579      Feb 53 CIA

Submicroscopic Structure of the Alloy Magnico, by  
N. N. Buinov, V. V. Klyushin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
1951, pp 739-742.

Assoc Tech Sv  
Tr RJ-605  
\$9.00      52,244

Sci - Min/Metals, metallurgy  
Sep 57

Investigation of Aluminum Compounds Forming at  
High Temperatures, by M. S. Beletskii, M. B.  
Rapoport

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 5, 1951, pp 751-754.

AEC Tr 1586

Scientific - Chemistry

Jun 53 CTS/DEX

308!

Synthesis of Silicohydrocarbons from Tertiary,  
Secondary and Primary  $\beta$ -Halosilanes, by A. D.  
Petrov, V. F. Mironov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
1951, pp 761-764.

CIA/FDD X-2890

Sci - Chemistry  
May 58

63, 114

Diminution of Plastic-Deformation Zone in the  
Machining of Metals Under the Action of Surface-  
Active Liquids, by G. I. Epifanov and L. A. Shreinat.

RUSSIAN, Dok. Ak. Nauk ~~SSSR~~, Vol 80, 1951, No 5,  
pp 781-782.

Brutcher Tech Tr No 2910

<p>Saidakovskii, S. Z., Tkachuk, V. G., and Tsvik, S. M. CONDITIONS CONDUCIVE TO THE FORMING OF SUBTERRANEAN WATER OF THE CHLORIDO-ALKALINO-CALCIUM TYPE (K Voprosu ob Usloviyakh Obrazovaniya Podzemnykh Vod Khloridno-Schelochino-Kal'tsievogo Tipa) tr. by V. A. Solodukhin. [1963] [5]p. (foreign text included) 5 refs. CSIRO Trans. no. 6083. Order from OTS or SLA \$1.10</p> <p>Trans. of Akademiya Nauk SSSR. <u>Doklady</u>, 1951, v. 80, no. 5, p. 791-792.</p> <p>DESCRIPTORS: *Geochemistry, *Hydrology, Water, Rock (Geology), Exchange reactions, *Chlorine compounds, *Calcium compounds, *Sodium compounds.</p> <p>(Earth Sciences, TT, v. 10, no. 4)</p>	<p>63-19145</p> <p>I. Saidakovskii, S. Z. II. Tkachuk, V. G. III. Tsvik, S. M. IV. CSIRO Trans-6083 V. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
--	---

The Influence of the Boundary Layer on the Wave  
Resistance of a Ship, by V. M. Lavrentieff,  
UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 6, 1951.

\*NAVY Tr /DTMB 245

Sci - Physics, hydraulics

Apr 52 CTS

Study of the Spectra of a Large Chromospheric Flare on  
the Sun, by E. R. Mustai', A. B. Severnyy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 6,  
1951, pp 857-870. CIA 644135

ATIC F-TB-9622/V

Sci - Physics  
Mar 59

83,027

On Certain Laws of Diffusion and Mechanical  
Properties of Metals, by I. Ya. Dekhtyar,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No  
6, 1951, pp 875-878.

Navy Tr 1285/NRL 546 R T 34 LP

Sci - Minerals/Metals 31,891

Geomagnetic Effects of Oceanic and Monsoon-Path  
Electric Circulations, by L. A. Korneva

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
1951, No 6, pp 879-880, Encl to IR-639-57, OAIRA,  
Ottawa.

Dir Sci Info Sv  
DRB T 247R  
DSIR 224 M-1853 (L2111)  
57, 393

Sci - Geophys  
Jan 58  
AF 1140726

Sci Mus Let 57/2642  
Am Met Society X-126

Conversions of Esters of Oxo Aluminosilicates,  
by R. D. Obolentsev, et al. USSR

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 6,  
1951, pp 884-892.

DSIR Leading Library Unit  
N. 213

Sci - Chem  
Apr 59

85, 866

Viscosity and Structure of Molecules, by G. M.  
Panchenkov, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 6, 1951, pp 899-902.

CIA/FDD/X-997

Scientific - Chemistry Aug 53 CPS/DEX  
Also Available Sci Mus Lib No 52/3267

4566

The Viscosity of Binary Liquid Systems in the Critical Region, by V. K. Semenchenko, E. L. Zorina.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, USSR, 1951,  
pp 903-905.

AEC Tr 1381

Scientific - Physics, Binary liquid systems

Sep 52 CTS/DEX

The Electroreduction of Anions, by A. N. Frumkin,  
G. M. Florianovich, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
1951, pp 907-910.

AEC Tr 1964

Scientific - Chemistry Dec 54 CTS/DEX  
Physics

20, 380

Effect of Ultrasonic Vibrations Upon Gelatin and Amino Acid Solutions in the Presence of Air, by M. A. Klenokh, E. M. Lapinskaya, 9 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX,  
No 6, 1951, pp 921-924.

CIA/PDD/X-992

Scientific - Chemistry Aug 53 CFS/DEA

4577

Carbonate Formation in Lake El'ton, by D. A. Vital,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 6, 1951,  
pp 937-939.

RECORDED  
Aero Tech Svcs  
Post Office Box 271  
East Orange, NEW JERSEY N.J.  
RJ - 377

Sci - Geophysics  
Aug 1956

37,185

Effect of Ultraviolet Light and Different  
Parts of Spectra on Different Stages of  
Development of Fishes, by A. I. Lubitskaya,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX,  
No 6, pp 953-956.

CSIRO

Sci - Biol, Phys  
May 62

196, 736

The Volume of Blood in Some Marine and  
Freshwater Fishes, by P. A. Korzhuyev,  
I. S. Nikolskaya.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXXX,  
No 6, 1951, pp 989-992.

CSIRO

Sci - Biol  
May 62

196, 741

Thermionic Emission in Ferromagnetics, by A. V.  
Sokolov, A. Z. Veksler, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LXXXI,  
1951, pp 27-30.

AEC Tr 1731

Also AEC TR-1634

Scientific - Physics

CDS/DEX

7299

On the Thermodynamic Interpretation of Effects in  
Ageing Alloys, by L. S. Palatnik.

RUSSIAN, per, Dok Ak Nauk, Vol LXXXI(1), 1951,  
pp 39-42.

Fulmer Research Institute  
Tr No 36 OT/421

Scientific - Thermodynamic, effects, ageing alloys

F.R.I. Tr. 36

Index Aeronauticus

Hydrogen Superoxide, HO<sub>2</sub>, As An Intermediate Compound, by K. V. Astakov, A. G. Getsov, 5 pp.

RUSSIAN, thrice-xo per, Dok Ak Nauk SSSR, Vol LXXXI, 1951, pp 43-45.

AEC Tr 1771

Scientific - Chemistry  
CIS/DEX

10,042

A Study of the Autoadhesion (Tack) of  
Polyisobutylene, by S. S. Vol'yutsky, V. N.  
Zamary. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXI,  
No 1, Ap 63.

1951.

DSIR LIU (Loan) M. 263

Sci - Echem 514-50-19142  
May 59

87, 891

Retardation by Radiant and Corpuscular Radiation  
with Varying Mass of the Sun, by V. V. Radziyevskiy,  
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Novaya Seriya, Vol  
LXXI, No 2, 1951, pp 167-170. CII 6441.04

Smithsonian Institution  
Astrophysical Observatory, ATIC F-TS-9623/V  
No 1 Nov 1962

Sci - Astron  
Mar 59

82, 849

Resonance Emission of a Discharge in Cadmium Vapor,  
by Yu. V. Zharkova, G. N. Rokhlin.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, No 2,  
1951, pp 175-177.

AEC Tr 1582

Scientific - Physics

May 53 CTS

2105

NAKONNOVA, O.P.  
NIKONOVA, A. I.

Influence of Deformation Upon Kinetics of Martensite Transformation

RUSSIAN, Dok Ak Nauk SSSR, Vol 81, No 2, 1951, pp  
183 - 186.

Bratcher Tr # 2638

\$2.90

FS

61-17325

On a Method of Representing Quinary and More  
Complex Metallic Systems by I. I. Kornilov.

RUSSIAN, Dok Ak Nauk SSSR, Vol 81, 1951, No 2,  
pp 191-194.

Brutcher Tech Tr No 2837

The Exchange Mechanism of Hydrocarbon Radicals With  
Molecular Deuterium, by V. V. Voevodskii, G. K.  
Lavrovskaya, P. E. Mardaleishvili

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
pp 215-218, 1951.

AEC-TR-1538

1298

Scientific - Chemistry

Photo-Electrochemical Effect of Phthalocyanines,  
Chlorophyl and Phaeophytin, by V. B. Evstigneev,  
A. N. Terenin.

Full translation.

*Transl. - mo*  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, 1951,  
pp 223-226.

AT&T 45048R  
AEC Tr 1394

Also U-1883

USSR  
Scientific - Chemistry, Photo-electrochemical,  
Phthalocyanines, Chlorophyl, Phaeophytin

Oct 52 GTS/DMX

Theory of Trade Solutions, by A. A. Zhukhovitskiy,  
B. N. Finkel'shteyn, I. S. Kulikov, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 2, 1951, pp 227-230.

CIA/FDD/X-984  
NLL m-2844

Scientific - Chemistry Aug 53 CTS/DEX

4569

Law of Development of Long-Range Elastic Deformation,  
by L. V. Chumakova, P. A. Rebinder, 9 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 2, 1951, pp 239-242.

CIA/FID/X-991  
NLL M.2846  
Scientific - Chemistry Aug 53 CPS/DEX

4576

<p>Rozen, B. Ya. ADSORPTION OF IODINE AND BROMINE FROM AQUEOUS SOLUTIONS ON MINERAL ADSORBENTS (Adsorbsiya Ioda i Broma iz Vodnykh Rastvorov na Mineral'nykh Adsorbentakh) tr. by B. Ribush. [1962] [7]p. (foreign text included) 9 refs. [CSIRO] Trans. no. 6156. Order from OTS or SLA \$1.10 63-23408 Trans. of Akademiya Nauk SSSR, Doklady, 1951, v. 81, no. 2, p. 243-245.</p> <p>DESCRIPTORS: *Geochimistry, *Iodine, *Bromine, *Adsorption, Minerals, Clay, Salts.</p> <p>(Earth Sciences--Geology, IT, v. 10, no. 9)</p>	<p>63-23408</p> <p>I. Rozen, B. Ya. II. CSIRO Trans-6156 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
---	--

Effect of vapour pressure on the physico-mechanical properties of silicate bricks containing granular sodium silicate, by P. Budnikov, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 81, no 2,  
p 255-8, 1951.

SLA DR-3657

Sci

94,430

Aug 59

Adsorption of Iodine and Bromine From Aqueous  
Solutions on Mineral Adsorbents, by  
B. Rozen.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 2, 1951, pp 243-245.

CSIRO/No 6156

Sci-Chem

Oct 63

<p>Kuznetsov, V. V. VARIABILIDAD EN LA FECUNDIDAD Y VELOCIDAD DE CRECIMIENTO DE LOS INVERTEBRADOS MARINOS (Izmenchivost' Plodovitosti i Skorosti Rosta u Morekikh Bezporvonochnykh) (Variability in Fertility and Growth Rate of Marine Invertebrates). 11p. 3 refs. CID: 62-255. Order from OTS, ETC or CID \$0.80      62-29255</p> <p>Trans. <u>in Spanish</u> of Akademiya Nauk SSSR. Doklady, 1951, v. 81, no. 2, p. 285-287.</p> <p>DESCRIPTORS: *Aquatic animals, Fertility, Growth, Marine biology.</p> <p>(Biological Sciences, TT, v. 10, no. 9)</p>	<p>62-29255</p> <p>I. Kuznetsov, V. V. II. CID-62-255 III. Centro de Información y Documentación, Madrid (Spain)</p> <p>Office of Technical Services</p>
--	--

The Ejection of Hydrogen Atoms from the Sun, by  
E. R. Mustel', 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, No 3,  
1951, pp 363-366.

ATIC F-TS-9624/V

Sci - Astron  
Mar 59

82, 850

The Radiation of Hydrogen Lines in the Auroral Spectrum, by I. S. Shklovskiy, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR,  
Vol LXXXI, No 3, 1951, pp 367-370.

Air Res & Dev Command  
Baltimore, Md.  
T-242 RU

Scientific - Astronomy  
CTS/DEX

11,395

The Oscillographic Method of Studying Gaseous Discharge by Means of Probes, by A. M. Bonch-Bruyevich, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LXXXI, No 3, 1951, pp 371-~~374~~ 374.

Sci Tr Center RT-2884

Scientific - Physics  
Jan 56 CTS/dex

30/219

Dombrovskiy, A. V.  
SULFONATION OF UNSATURATED CARBONYL  
COMPOUNDS. 4 Jan 61, 3p. 3 refs.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-10897

Trans. of Akademiya Nauk SSSR, Doklady, 1951,  
v. 81 [no. 3] p. 411-[413].

(Chemistry--Organic, TT, v. 5, no. 11)

61-10897

1. Ketones--Chemical reactions
2. Aldehydes--Chemical reactions
3. Sulfonic acids--Synthesis
4. Title: Sulfonation
1. Dombrovskiy, A. V.

102000

Office of Technical Services

A New Intermetallic Compound in the Binary System Fe-Mo, by R.P. Zalelayeva, N.F. Lashko.  
RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 81,  
No 3, 1951, pp 415-416. P011021566  
AEC AI-tr-208

Sci/Materials  
Sep 66

309,360

Kozyrev, B. M.  
PARAMAGNETIC RESONANCE ABSORPTION METHOD  
IN THE MAGNETOCHEMISTRY OF ORGANIC  
COMPOUNDS. 8p. 4 refs. MTWL: 585.  
Order from OTS or ETC \$1.55

61-17300

Trans. of Akademiya Nauk SSSR, Doklady, 1951,  
v. 81, no. 3, p. 427-430.

DESCRIPTORS: \*Organic compounds, Absorption,  
\*Paramagnetic resonance, Chemical bonds.

61-17300

I. Kozyrev, B. M.  
II. MTWL-585  
III. Stichting Moellijk  
Toegankelijke Wetenschappelijke Literatuur

201398

Office of Technical Services

Kinetics of the Addition of Hypochlorous Acid to  
Molecules With Only Slightly Active Double  
Bonds, by E. A. Shilov, G. V. Kupinskaya, A. A.  
Yasnikov

RUSSIAN, per, Dok Ak Nauk SSSR, 1951, Vol LXXXI,  
No 3, pp 435-438.

D.S.I.R. Tr No CTS 3

1074

Scientific - Chemistry  
List No 49, Apr 1953

Combination of Organic Matter With Soil Minerals,  
by D. V. Khan, 7 pp.

RUSSIAN, thrice-mo, per, Dok Ak Nauk SSSR,  
Vol LXXXI, No 3, 1951, pp 461-464.

Sci Trans Center RT-3264

Sci - Geophysics

32,114

Mar 56

Doklady Akademii Nauk SSSR      Vol 81, No 4, pages  
517-520 (1 Dec 51)

"The Free Vibrations of an Oscillator With Variable  
Friction"

author: A. A. Voronov (Inst of Automatics, etc)

11345    ST-256    SR 3 Apr 52

On the Mechanism of the Excitation of Auroral  
Luminescence, by I. S. Shklovskiy, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 4, 1951, pp 525-528.

ARDC Air Research and Development Center,  
X-48 DDC Baltimore, Md. T-239 RU  
AEC 4506 Cosmonaut  
USSR ARBT 776 4  
Scientific - Geophysics  
Mar 54 CTS 11,081

Phase Transition of Barium Titanate at About 120° C.  
by N. A. Roi

RUSSIAN, Dok Akad Nauk SSSR, Vol 81, 1951, No 4,  
pp 545-547.

Kinetics of Martensite Transformation at Temperatures Above Room Temperature, by G. V. Kurdumov and O. P. Maksimova.

RUSSIAN, Dok Ak Akad SSSR, Vol 81, 1951, No 4, pp 565-568.

Brutcher Tech Tr No 2844

Doklady Akademii Nauk SSSR,

Volume 81, No 4 (1 Dec 51),  
pages 569-571.

"Application of a Laminar Medium for the Focussing of  
Waves" author: A. L. Mikaelyan (Moscow Electrotechnical  
Institute of Communica.)

Project 11347

ST-256

WAK

SR 9 apr 52

Doklady Akademii Nauk SSSR

Vol 81, No 4 (1 Dec 51)  
pp 577-580

"Four-Terminal Networks (Quadripoles) With Chebyshev  
Parameters for the Correction of Amplitude-Frequency  
Characteristics author: V. A. Taft

11364 ST-256 SR 3 Apr 52

✓  
✓

Solubility Isotherm of the Ternary System Sodium Nitrate,  
Ammonium Nitrate and Water at 25° C, by

A. S. Karnaughov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 81, No 4, 1951,  
pp 593-595.

ATS-RJ 5834

Apr 72

Equilibrium Diagram of Nickel-Silicon, by Lashko.  
UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
1951, pp 605-607.

Co-op Tr Scheme  
Tr 870  
(L1.5.0)

NLL M. 4/107

Sci - Min/Met  
Apr 58

62,605

Phenyl-Substituted Quinocyanines, by G. T. Pilyugin,  
Z. Ya. Krayner, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 4, 1951, pp 609-612.

CIA/FDD/X-1357

Scientific - Chemistry  
CIS/DEX

14,394

Sulfonation of Quinones, by A. P. Terent'ev, A. N. Grinev, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI, No 4, 1951, pp 617-619.

CIA/FDD/X-1358

Scientific - Chemistry  
CTS/DEX

14,387

12 448

US-14

PRIKHOROV P. S., et al.

The effect of the saturation deficit upon the coagulation rate  
of water aerosols

Dokl. Akad. Nauk SSSR, 81, No. 4, 637-640 (1951)  
RJ-1328. \$ 7.25 - English

E u r a t o m

The Problem of Three Limits of Inflammability, by  
N. N. Semenov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, No 4,  
1951, pp 645-648.

JPRS 4047

Sci - Chem

Sep 60

126,089

Doklady Akademii Nauk SSSR Vol LXXXI, No 5,  
(11 Dec 51), pages 757-760

"Problem Concerning the Fundamental Equations of the  
Relativistic Quantum Theory of the Field"

author: N. N. Bogolyubov

Project 11340 ST-256

WAK

SR 4 5-3-52

Negative Ions of Selenium, Tellurium, Antimony and  
Bismuth, by V. M. Dukelskiy, N. I. Ionov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LXXXI,  
1952, pp 33-36.

767-119

AEC Tr 17026

Scientific - Chemistry

CIS/DEX

R-368-A

7309

Oscillations of Plasma and Striations, by G. V. Gordeyev, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, pp  
771-774.

SLA R-1996

Sci

Aug 58

71,041

Superconductivity of Cadmium, by B. N. Samoilov.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Akad SSSR, Vol LXXXI,  
No 5, 1951, pp 791-794.

AEC Tr 1633

*FEB 1953 Soviet. Sci*

Scientific - Physics

Aug 53 CIS

*4813*

Pulse-Disturbances in Earth Currents, by  
A. G. Ivanov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol LXXXI, No 5, 1951, pp 807-810.  
CIA D 247370

ARDC  
X-16 DDC  
X-33 DDC  
Sci - Geophysics  
CTS 71/Aug 1955

Def Sci Info Svc,  
DRB, Canada,  
T 174 R

25,756

Sci Grms Lib  
55/2233

On the Reproducibility of the Night Sky Spectrum  
in the 8000-9000 Å Neighborhood, as Obtained by  
Meinel, by V. T. Lukashenya, V. T. Krasovski, 9 pp.

Full translation

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 5, USSR, pp 611-614.

AEC-TR-1504

Also KRB Tech.

Scientific - Astronomy, night sky spectrum

CIA 1105577

FEB 53 CIS

The Ignition of Coke Dust, by Z. F. Chukhanov.

RURSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol LXXXI, 1951, pp 821-824.

CIA/FDD X-2075

35,337

USSR

Sci - Chemistry F/C /s

June 1956 CTS/Dex

Thermographic Analysis Under Elevated Pressures, by  
L. G. Berg, I. S. Rassonskaya

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol 1951,  
No 5, 1951, pp 855-858.

Brutcher Wr #6030

Scientific - Chemistry

Jul 53 CPS/DLC  
Price \$2.50

3973

Thermodynamic Premises in Distillation  
With a Third Component, by A. M. Rozen,

RUSSIAN, per, Dok Ak Nauk, Vol LXXXI, No 5,  
1951, pp 863-866.

ATS RJ-2212

Sci - Chem

May 60

115, 468

Reversible Photochemical Reduction and Oxidation of  
Bacteriochlorophyll and Bacteriopheophytin, by  
A. A. Krasnovskii, K. K. Voinovskaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCI, 1951,  
pp 879-882.

SLA Tr R-1255

Sci

Jun 58

65,824

Review on the Function of Gelatin in Photographic Emulsions, by V. V. Trusov, K. M. Saldadze, 7 pp.

MESSIAN, thrice-monthly, Dok Ak Nauk SSSR, Vol LXXXI,  
No 5, 1951, pp 867-870.

CIA/TDD/X-1093

Scientific - Chemistry CTS/DEX

5588

Reversible Photochemical Reduction and Oxidation of  
Bacteriochlorophyll and Bacteriopheophytin, by  
A. A. Krasnovskiy, K. K. Voinovskaya, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSR, Vol LXXXI, No 5, 1951,  
pp 879-882.

CIA/FDD XX-1525  
NO FOREIGN DISSEM

Sci - Chem

Apr 64

~~Classification Only~~  
USIB Internal Use Only

255,172

Transformation of Quartz in the Presence of a Small  
Quantity of Mineralizers, by I. S. Kainarekiy, L. I.  
Karyakin

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 5, 1951, pp 887-890.

Bratcher TR 3190

Scientific - Minerals/Metals  
CTS/DEX Price \$4.20

85<sup>00</sup>

Doklady Akademii Nauk SSSR, Volume 81, No 6 (21 Dec 51),  
pages 985-6

Application of A. M. Lyapunov's Theory of Stability to  
the Theory of Differential Equations with Small Multipliers  
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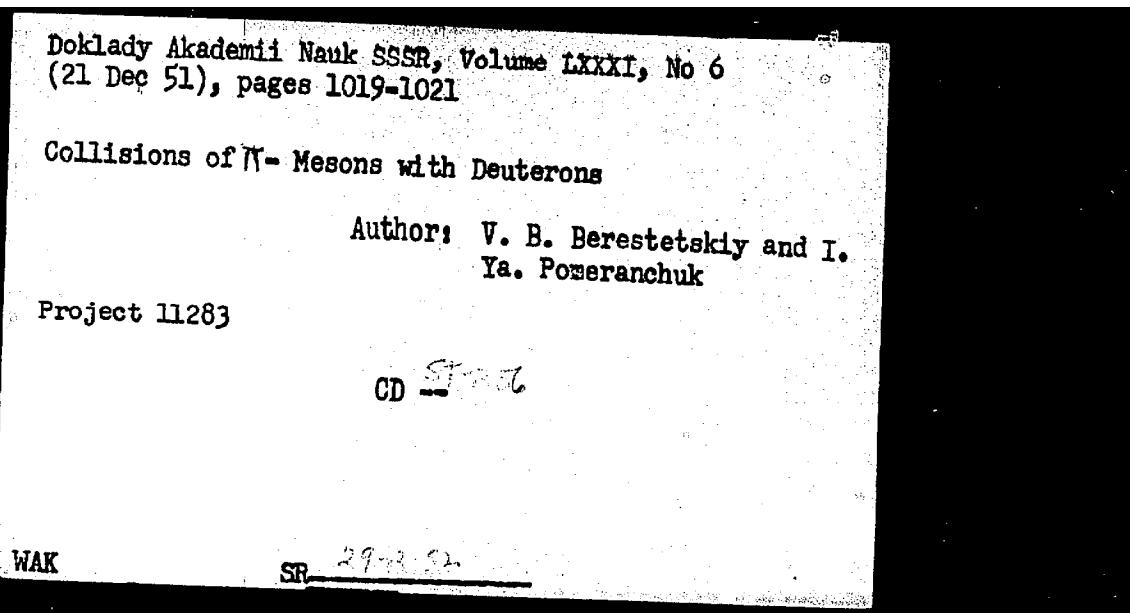
Project 11282

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Difraction of Electromagnetic Waves  
on an Uneven Surface, by  
L. M. Brokhovskikh, 6 pp.  
RUSSIAN, per, Dok AN SSSR, V01 LXXXI,  
No 6, 1951, pp 1023-1026. 9698020  
ITD-TT-65-569

Sci-Elect  
Oct 65                    289,950

Nature of Color Vision of Anomalous Trichromats, by  
E. M. Yustova, 9 pp.

full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, No 6, 1951,  
pp 1051-1054.

CIA/FDD/X-963

Open

Astronomy - Physics

CTS/DEX

3819

Refractive Indexes of the Higher Normal Paraffin  
Hydrocarbons, by A. V. Iopansen, 4 pp.

RUSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 6, 1951, pp 1077-1079.

CIA/TDD/X-1039  
NLL M. 2856

Chemistry  
Scientific - Technology CTS/DEX

5580

Phase Diagram of Binary System Water-hydrogen Peroxide, by K. E. Mironov, and A. G. Bergman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXI, No 6,  
1951, pp 1081-1083.

AEC Tr 1319

Sci - Chem

R.S.I.R. CTS 4

Effect of Metal Ions Upon the Visco-Elastic  
Characteristics of Ethyl Cellulose, by S. A.  
Glikman, O. G. Efremova, ~~pp.~~ pp.

9

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
No 6, 1951, pp 1089-1092.

NLL M.2857

CIA/FDD/X-1086

Chemistry  
Scientific - Medicine CTS/DEX

5581

Effect of Oxygen Absorbed by Platinum on the Contact  
Difference of Potentials, by T. V. Kalish,  
R. Kh. Burshteyn, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys, Chem Sec.,  
Vol LXXXI, No 6, 1951, pp 1093-1096.

Dept of Navy Tr No 4190/NRL Tr No 1017

CSIRO no 6991

Sci - Phys

Aug 65

284,307

The Fluidity and Strength of Oleogels, by A. A.  
Aapeznikov, V. A. Fedotova, 9 pp.

Twice-

ESSIAN, ~~no~~ no, per, Dok Ak Nauk SSSR, Vol LXXXI,  
6, 1951, pp 1101-1104.

Sci Trans Center RT-3269

32,117

Sci - Chemistry

Effect of the Nature of the Solvent on the  
Reaction of Photochemical Reduction of Chlorophyll,  
Riboflavin and Other Dyes by Organic Acids, by  
A. A. Krasnovskii, V. A. Gavrilova, 7 pp.  
UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,  
1951, p 1105.

AEC Tr 2028

3068

Scientific - Chemistry

Jun 53 CTS/DEX

Concerning the Carnosine Content in Blood and Internal Organs of Animals, by N. A. Yudaev.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXXII, 1952,  
pp 447-449.

Nova Scotia No 214

Scientific - Medicine, biochemistry

Sug 93 CIS

4795

On a Problem of the Comparison of Two Empirical Distributions, by B. V. Gnedenko, E. L. Rvacheva, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXII,  
No 4, 1952, pp 513-516.

Sci Tr Center RT-340  
SLAR - 3587

Scientific - Mathematics

10,126